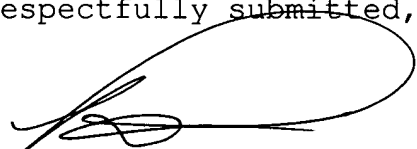<u>REMARKS</u>

Entry of the foregoing amendments prior to examination of this application is respectfully requested in view of the following comments.

Following Applicants' First Preliminary Amendment Claims 1-4, 7-10 and 17-42 are pending in this application. In reviewing that Preliminary Amendment it is noted that an error appears in Claims 33-36 in that these claims refer to a "random copolymer" not the "rubber composition" of their parent claims.

Accordingly, Applicants herewith submit this Second Preliminary Amendment amending claims 33-36 to properly refer to the "rubber composition". As required under 37 CFR §1.121(c), a marked-up copy of these claims showing this amendment is attached.

No new matter has been added and applicant respectfully submits that this application is in condition for allowance and an early notice to that effect is earnestly solicited.

Respectfully submitted,

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Reg. No. 35,533

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5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Hidetatsu MURAKAMI, et al.

Serial No.: 09/787,890   Group:
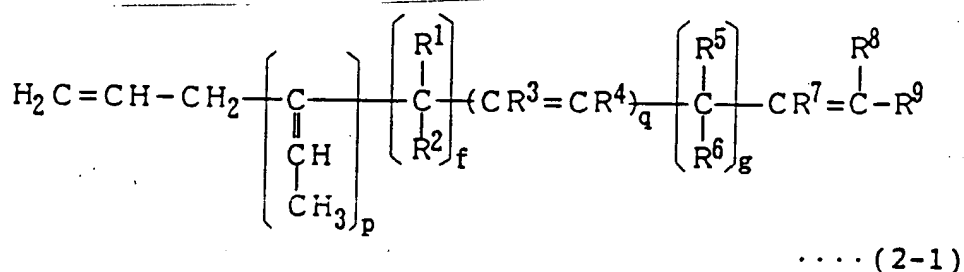
Filed: March 26, 2001   Examiner:

FOR: COPOLYMER BASED ON NON-CONJUGATED CYCLIC POLYENE,
RUBBER COMPOSITION AND USE THEREOF

Date: April 3, 2001
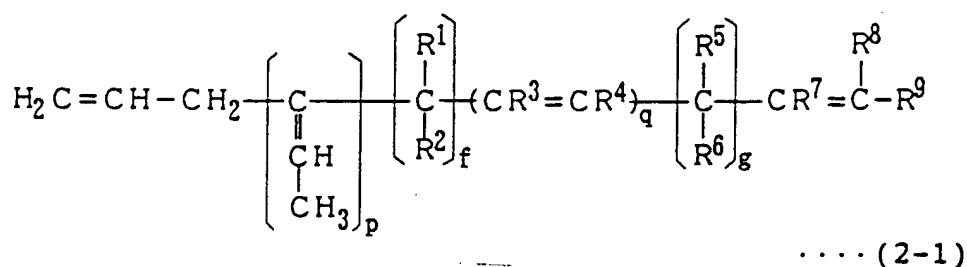
<u>MARKED-UP COPY OF AMENDED CLAIMS</u>

33. (Amended) The [random copolymer] <u>rubber composition</u> as claimed in claim

8, wherein the non-conjugated linear polyene (A3) is represented by the formula (2-1)

given below:

$$H_2C=CH-CH_2 \left[\begin{array}{c} C \\ \parallel \\ CH \\ | \\ CH_3 \end{array}\right]_p \left[\begin{array}{c} R^1 \\ | \\ C \\ | \\ R^2 \end{array}\right]_f (CR^3=CR^4)_q \left[\begin{array}{c} R^5 \\ | \\ C \\ | \\ R^6 \end{array}\right]_g CR^7=\overset{R^8}{\underset{R^9}{C}}$$

$$\cdots\cdots (2-1)$$

in which p and q is zero or 1 with the proviso that p and q are not zero simultaneously, f

is an integer of zero to 5 with the proviso that f is not zero when both p and q are 1, g is

an integer of 1 to 6, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 denote each, independently of each

other, hydrogen atom or an alkyl group having 1-3 carbon atoms, R^8 denotes an alkyl

group having 1-3 carbon atoms and R^9 denotes hydrogen atom, an alkyl group having 1-3

carbon atoms or a group represented by $-(CH_2)n-CR^{10}=C(R^{11})R^{12}$ in which n is an integer
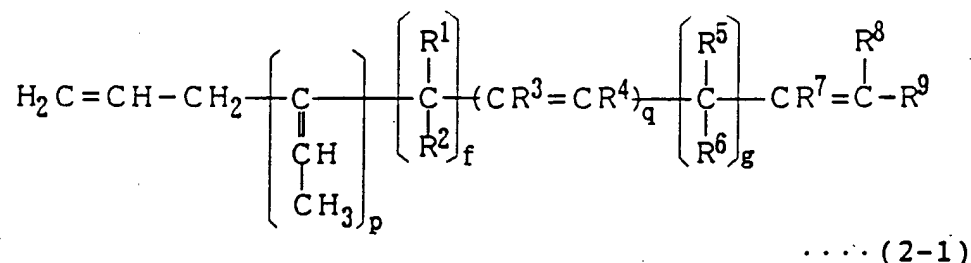
of 1 to 5, R^{10} and R^{11} represent each, independently of each other, hydrogen atom or an

alkyl group having 1-3 carbon atoms and R^{12} represents an alkyl group having 1-3 carbon

atoms, with the proviso that R^9 is hydrogen atom or an alkyl group having 1-3 carbon

atoms when both p and q are 1.

34. (Amended) The [random copolymer] <u>rubber composition</u> as claimed in claim

28, wherein the non-conjugated linear polyene (A3) is represented by the formula (2-1)

given below:

$$H_2C=CH-CH_2 \left[\begin{array}{c} C \\ \parallel \\ CH \\ | \\ CH_3 \end{array} \right]_p \left[\begin{array}{c} R^1 \\ | \\ C \\ | \\ R^2 \end{array} \right]_f (CR^3=CR^4)_q \left[\begin{array}{c} R^5 \\ | \\ C \\ | \\ R^6 \end{array} \right]_g CR^7= \overset{R^8}{\underset{|}{C}}-R^9 \qquad \cdots\cdots(2-1)$$
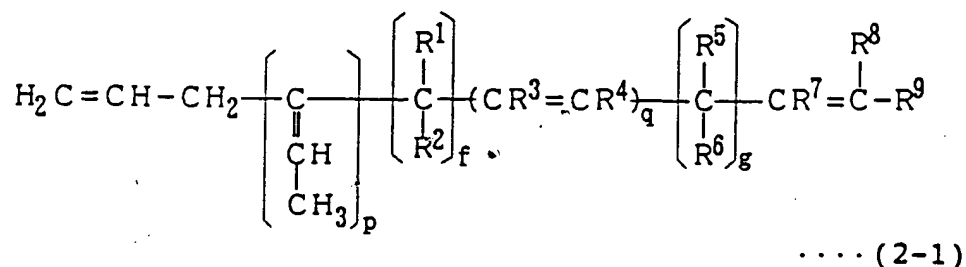
in which p and q is zero or 1 with the proviso that p and q are not zero simultaneously, f

is an integer of zero to 5 with the proviso that f is not zero when both p and q are 1, g is

an integer of 1 to 6, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 denote each, independently of each

other, hydrogen atom or an alkyl group having 1-3 carbon atoms, R^8 denotes an alkyl

group having 1-3 carbon atoms and R^9 denotes hydrogen atom, an alkyl group having 1-3

carbon atoms or a group represented by $-(CH_2)n-CR^{10}=C(R^{11})R^{12}$ in which n is an integer

of 1 to 5, R^{10} and R^{11} represent each, independently of each other, hydrogen atom or an

alkyl group having 1-3 carbon atoms and R^{12} represents an alkyl group having 1-3 carbon

atoms, with the proviso that R^9 is hydrogen atom or an alkyl group having 1-3 carbon

atoms when both p and q are 1.

35. (Amended) The [random copolymer] <u>rubber composition</u> as claimed in claim 30, wherein the non-conjugated linear polyene (A3) is represented by the formula (2-1) given below:

$$H_2C=CH-CH_2\left[\begin{array}{c}C\\ \|\\ CH\\ |\\ CH_3\end{array}\right]_p\left(\begin{array}{c}R^1\\ |\\ C\\ |\\ R^2\end{array}\right)_f(CR^3=CR^4)_q\left(\begin{array}{c}R^5\\ |\\ C\\ |\\ R^6\end{array}\right)_g CR^7=\overset{R^8}{\underset{}{C}}-R^9$$

$$\cdots (2-1)$$

in which p and q is zero or 1 with the proviso that p and q are not zero simultaneously, f is an integer of zero to 5 with the proviso that f is not zero when both p and q are 1, g is an integer of 1 to 6, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 denote each, independently of each other, hydrogen atom or an alkyl group having 1-3 carbon atoms, R^8 denotes an alkyl group having 1-3 carbon atoms and R^9 denotes hydrogen atom, an alkyl group having 1-3 carbon atoms or a group represented by $-(CH_2)n-CR^{10}=C(R^{11})R^{12}$ in which n is an integer of 1 to 5, R^{10} and R^{11} represent each, independently of each other, hydrogen atom or an alkyl group having 1-3 carbon atoms and R^{12} represents an alkyl group having 1-3 carbon atoms, with the proviso that R^9 is hydrogen atom or an alkyl group having 1-3 carbon atoms when both p and q are 1.

36. (Amended) The [random copolymer] <u>rubber composition</u> as claimed in claim 32, wherein the non-conjugated linear polyene (A3) is represented by the formula (2-1) given below:

$$\text{H}_2\text{C}=\text{CH}-\text{CH}_2\left[\begin{array}{c}\text{C}\\ \parallel\\ \text{CH}\\ \mid\\ \text{CH}_3\end{array}\right]_p\left[\begin{array}{c}\text{R}^1\\ \mid\\ \text{C}\\ \mid\\ \text{R}^2\end{array}\right]_f(\text{CR}^3=\text{CR}^4)_q\left[\begin{array}{c}\text{R}^5\\ \mid\\ \text{C}\\ \mid\\ \text{R}^6\end{array}\right]_g\text{CR}^7=\overset{\text{R}^8}{\underset{}{\text{C}}}-\text{R}^9$$

· · · · (2-1)

in which p and q is zero or 1 with the proviso that p and q are not zero simultaneously, f is an integer of zero to 5 with the proviso that f is not zero when both p and q are 1, g is an integer of 1 to 6, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 denote each, independently of each other, hydrogen atom or an alkyl group having 1-3 carbon atoms, R^8 denotes an alkyl group having 1-3 carbon atoms and R^9 denotes hydrogen atom, an alkyl group having 1-3 carbon atoms or a group represented by $-(CH_2)n-CR^{10}=C(R^{11})R^{12}$ in which n is an integer of 1 to 5, R^{10} and R^{11} represent each, independently of each other, hydrogen atom or an alkyl group having 1-3 carbon atoms and R^{12} represents an alkyl group having 1-3 carbon atoms, with the proviso that R^9 is hydrogen atom or an alkyl group having 1-3 carbon atoms when both p and q are 1.